

U.S. Patent Application Serial No. 10/622,465
Amendment filed August 23, 2004
Reply to OA dated June 30, 2004

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1 (canceled)

Claim 2 (currently amended): An apparatus for controlling a plurality of hydraulic motors and a clutch in which a single driving shaft is driven by outputs of a plurality of hydraulic motors, and one of the plurality of hydraulic motors drives the driving shaft through the clutch, comprising:

a first servo valve that controls the tilt rotation amount of a first hydraulic motor, and sets the tilt rotation amount of the first hydraulic motor to a zero tilt rotation amount when a zero fixing pressure, $P_{cs}=P_f$, of a predetermined value is input[[]],

~~a clutch that~~ wherein the clutch is disengaged when a release pressure, P_k , of a predetermined value that is larger than the zero fixing pressure, P_f , of the predetermined value is input;

hydraulic vehicle speed detecting means for detecting a vehicle speed by a vehicle speed signal pressure, P_v , based on a vehicle speed; and

control valve means that releases an output command pressure, P_{cs} , to a return pressure, P_t , connected to a tank until a vehicle speed signal pressure, P_v , received from the hydraulic vehicle speed detecting means reaches a start pressure, P_b , of a predetermined value, and begins to output

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the command pressure, Pcs, to the first servo valve and the clutch when the vehicle speed signal pressure, Pv, exceeds ~~[[a]]~~ the start pressure, Pb, of the predetermined value.

Claim 3 (currently amended): An apparatus for controlling a plurality of hydraulic motors and a clutch according to claim 2, further comprising:

a zero tilt rotation detecting valve that detects the tilt rotation amount of the first hydraulic motor, and causes a command pressure, Pcs, to be in communication with the clutch to disengage the clutch when the zero tilt rotation amount is detected~~[[; and]]~~, wherein the

~~control valve means that releases an output command pressure, Pcs, to a return pressure, Pt, connected to a tank until a vehicle speed signal pressure, Pv, received from the hydraulic vehicle speed detecting means reaches a start pressure, Pb, of a predetermined value, and begins to output the command pressure, Pcs, to the first servo valve and the zero tilt rotation detecting valve when the vehicle speed signal pressure, Pv, exceeds~~ [[a]] the start pressure, Pb, of the predetermined value.

Claim 4 (canceled)